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Application No: 09912559 Version No: 1.0

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<110> APPLICANT: ROEMISCH, JUERGEN
 STOEHR, HANS-ARNOLD
 FEUSSNER, ANNETTE
 LANG, WIEGAND
 WEIMER, THOMAS
 BECKER, MARGRET
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 MUTH-NAUMANN, GUDRUN

<120> TITLE OF INVENTION: MUTANTS OF THE FACTOR VII-ACTIVATING PROTEASE AND
 DETECTION METHODS USING SPECIFIC ANTIBODIES

<130> FILE REFERENCE: 06478.1457

<140> CURRENT APPLICATION NUMBER:09912559
 <141> CURRENT FILING DATE:2001-07-26
 <150> PRIOR APPLICATION NUMBER: DE 100 36 641.4
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 <150> PRIOR APPLICATION NUMBER: DE 101 18 706.8
 <151> PRIOR FILING DATE: 2001-04-12
 <160> NUMBER OF SEQ ID NOS: 4
 <170> SOFTWARE: PatentIn Ver. 2.1

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 <211> LENGTH: 1683
 <212> TYPE: DNA
 <213> ORGANISM: Homo sapiens
 <400> SEQUENCE: 1

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<213> ORGANISM: Homo sapiens

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<210> SEQ ID NO 3

<211> LENGTH: 560

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3

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Leu Asp Pro Asp Trp Thr Pro Asp Gln Tyr Asp Tyr Ser Tyr Glu Asp
35 40 45
Tyr Asn Gln Glu Glu Asn Thr Ser Ser Thr Leu Thr His Ala Glu Asn
50 55 60
Pro Asp Trp Tyr Tyr Thr Glu Asp Gln Ala Asp Pro Cys Gln Pro Asn
65 70 75 80
Pro Cys Glu His Gly Gly Asp Cys Leu Val His Gly Ser Thr Phe Thr
85 90 95
Cys Ser Cys Leu Ala Pro Phe Ser Gly Asn Lys Cys Gln Lys Val Gln
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Thr	Val	Asn	Gln	His	Ala	Cys	Leu	Tyr	Trp	Asn	Ser	His	Leu	Leu	Leu		
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Tyr	Asn	Glu	Arg	Asp	Glu	Ile	Pro	His	Asn	Asp	Ile	Ala	Leu	Leu	Lys		
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<210> SEQ ID NO 4

<211> LENGTH: 560

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 4

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          35           40           45
Tyr Asn Gln Glu Glu Asn Thr Ser Ser Thr Leu Thr His Ala Glu Asn
          50           55           60
Pro Asp Trp Tyr Tyr Thr Glu Asp Gln Ala Asp Pro Cys Gln Pro Asn
          65           70           75           80
Pro Cys Glu His Gly Gly Asp Cys Leu Val His Gly Ser Thr Phe Thr
          85           90           95
Cys Ser Cys Leu Ala Pro Phe Ser Gly Asn Lys Cys Gln Lys Val Gln
          100          105          110
Asn Thr Cys Lys Asp Asn Pro Cys Gly Arg Gly Gln Cys Leu Ile Thr
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Gln Ser Pro Pro Tyr Tyr Arg Cys Val Cys Lys His Pro Tyr Thr Gly
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Pro Ser Cys Ser Gln Val Val Pro Val Cys Arg Pro Asn Pro Cys Gln
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Asn Gly Ala Thr Cys Ser Arg His Lys Arg Arg Ser Lys Phe Thr Cys
          165          170          175
Ala Cys Pro Asp Gln Phe Lys Gly Lys Phe Cys Glu Ile Gly Ser Asp
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Asp Cys Tyr Val Gly Asp Gly Tyr Ser Tyr Arg Gly Lys Met Asn Arg
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Thr Val Asn Gln His Ala Cys Leu Tyr Trp Asn Ser His Leu Leu Leu
          210          215          220
Gln Glu Asn Tyr Asn Met Phe Met Glu Asp Ala Glu Thr His Gly Ile
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          245          250          255
Cys Phe Ile Lys Val Thr Asn Asp Lys Val Lys Trp Glu Tyr Cys Asp
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Val Ser Ala Cys Ser Ala Gln Asp Val Ala Tyr Pro Glu Glu Ser Pro
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Glu Ile Ala Glu Arg Lys Ile Lys Arg Ile Tyr Gly Gly Phe Lys Ser
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His Pro Cys Trp Val Leu Thr Ala Ala His Cys Thr Asp Ile Lys Thr
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Arg His Leu Lys Val Val Leu Gly Asp Gln Asp Leu Lys Lys Glu Glu
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Phe His Glu Gln Ser Phe Arg Val Gln Lys Ile Phe Lys Tyr Ser His
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Tyr Asn Glu Arg Asp Glu Ile Pro His Asn Asp Ile Ala Leu Leu Lys
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Thr	Val	Cys	Leu	Pro	Asp	Gly	Ser	Phe	Pro	Ser	Gly	Ser	Glu	Cys	His		
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